DESCRIPTION OF THE COURSE OF STUDY

Course code		
Name of the course in	Polish	Nauczanie przez odkrywanie
	English	Inquiry-Based Instruction

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	Education
1.2. Mode of study	Master's degree
1.3. Level of study	**2**
1.4. Profile of study*	General academic
1.5. Person/s preparing the course description	**Agata Jopkiewicz PhD**
1.6. Contact	**agata.jopkiewicz@ujk.edu.pl**

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	English
2.2. Prerequisites*	**lack**

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes		classes
3.2. Place of classes		**UJK**
3.3. Form of assessment		graded credit
3.4. Teaching methods		lecture, discussion, presentation of PP, work in groups
3.5. Bibliography	**Required reading**	Sawiński J. P., Sposoby aktywizowania uczniów w szkole XXI wieku. Pytania, refleksje, dobre rady. Dyfin Warszawa 2014 Hüther G., Hauser U., Wszystkie dzieci są zdolne, Dobra Literatura, Warszawa 2014 Robinson K., Kreatywne szkoły, Element, warszawa 2020
	Further reading	Jakubowski M., Wardaszko M., Ćwil M., Winniczuk A., Podgórski B. (2019), "Building a serious VR game for soft-skill learning – lessons learned", DEVELOPMENTS IN BUSINESS SIMULATIONS AND EXPERIENTIAL LEARNING, 46, S. 140-153. Wardaszko M. (2018), "Interdisciplinary Approach to Complexity in Simulation Game Design and Implementation", SIMULATION & GAMING. AN INTERDISCIPLINARY JOURNAL OF THEORY, PRACTICE AND RESEARCH, 3, 49, s. 263-278.

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives *(including form of classes)*

C-1. It will introduce students to the elements of inquiry-based teaching methodology and its role in shaping students' research attitudes and the ability to organize and conduct research activities.

C-2. Improving the ability to design methodological solutions involving the organization of scien tific inquiry for students.

C-3. Creating a critical attitude of students towards educational materials offered in public space and undertaking innovative didactic activities.

4.2. Detailed syllabus *(including form of classes)*

Classes

1. Criticism of broadcast education - the role of the teacher as the organizer of the student's knowledge discovery process. 2. The method of scientific inquiry and problem teaching - or-

ganization of the didactic process. 3. Five types of activities based on scientific inquiry due to the degree of independence of students - examples of school practice. 4. Research attitude and students' skills developed during scientific inquiry (conducting observa   tions, experiments and experiments). 5. Assessment for shape in the methodology of teaching by discovery. 6. The process of implementing the teaching methodology through discovery at school - the new role and competences of the teacher (self-assessment sheet). 7. Discovery teaching in science education - examples of good practice. 8. Discovery teaching in mathematics education - examples of good practice. 9. Discovery teaching in social education - active learning about social systems. 10. Contemporary methodological solutions - examples of good practice.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
	within the scope of **KNOWLEDGE:**	
W01	the role of pedagogical innovations in the area of preschool and early school education, inspiring to plan and organize their own work;	PPW_W12
W02	different types and functions of grading;	PPW_W15
	within the scope of **ABILITIES:**	
U01	recognize the needs, possibilities and talents of children or students, as well as design and conduct pedagogical activities, as well as plan, implement and evaluate personalized education and upbringing programs	PPW_U02
U02	identify and arouse the interests of children or students and appropriately adapt the methods and content of education	PPW_U06
U03	develop key competences of children or students, in particular creativity, critical reflection and the ability to solve problems independently and in teams;	PPW_U07
	within the scope of **SOCIAL COMPETENCE:**	
K01	building a relationship based on mutual trust between all subjects of the upbringing and education process, including parents or guardians of a child or student, and involving them in activities promoting the effectiveness of education;	PPW_ K03

4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes (code)	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others* e.g. standardized test used in e-learning		
	Form of classes			*Form of classes*			*Form of classes*			*Form of classes*			*Form of classes*			*Form of classes*			*Form of classes*		
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	..
W01								+									+				
W02								+									+				
U01								+									+				
U02								+									+				
U03								+									+				
K01								+									+				

delete as appropriate

4.5. Criteria of assessment of the intended learning outcomes		
Form of classes	Grade	Criterion of assessment
classes (C)* (including e-learning)	3	Student obtained points for active participation in classes and prepared a lesson plan and at the level of 50% -60%
	3,5	Student obtained points for active participation in classes and prepared a lesson plan at the level of 61% -70%
	4	Student obtained points for active participation in classes and prepared a lesson plan at the level of 71% -80%
	4,5	Student obtained points for active participation in classes and prepared a lesson plan at the level of 81% -90%
	5	Student obtained points for active participation in classes and prepared a lesson plan at the level of 91% -100%

5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	Extramural studies
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	15	15
Participation in lectures*	-	-
Participation in classes, seminars, laboratories*	15	15
Preparation in the exam/ final test*	-	-
Others (please specify e.g. e-learning)*	-	-
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	10	10
Preparation for the lecture*	-	-
Preparation for the classes, seminars, laboratories*	5	5
Preparation for the exam/test*	-	-
Gathering materials for the project/Internet query*	-	-
Preparation of multimedia presentation	5	5
Others *	-	-
TOTAL NUMBER OF HOURS	25	25
ECTS credits for the course of study	1	1

*delete as appropriate

Accepted for execution (date and legible signatures of the teachers running the course in the given academic year)

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